

Remarks

This amendment should be entered after final because it places the claims in condition for allowance.

The Examiner is thanked for the early indication of allowable subject matter in claim 10.

Reconsideration of this Application is respectfully requested.

Claim 1 is sought to be amended. Claims 1-10 are pending in the application, with 1 being the independent claim. No new matter has been entered by any amendments.

Based on the above amendment and following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 102(b)

Claims 1-4 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Pat. No. 5,163,180 to Eltoukhy et al. ("Eltoukhy"). Claim 5, 6, and 9 were rejected under 35 U.S.C. § 103(a) ("103") as being obvious over Eltoukhy in view of U.S. Pat. No. 6,515,931 to Marr et al. ("Marr"). Claims 7 and 8 were rejected under 103 as being obvious over Eltoukhy in view of U.S. Pat. No. 6,326,651 to Manabe ("Manabe").

The Examiner asserts Eltoukhy in FIG. 3 teaches "forming lightly doped source and drain extension regions (18a and 20a) in the channel that cumulatively occupy more than half the channel (figure 3)." However, claim 1 now recites at least "forming lightly doped source and drain extension regions in the channel that cumulatively occupy substantially all of the channel before programming of the anti-fuse device." This feature is not taught or suggested by Eltoukhy, which clearly shows in FIG. 3 that the source and drain extension regions 18 and 20 only occupy about half of the channel.

Accordingly, none of the applied patents teach or recite at least "forming lightly doped source and drain extension regions in the channel that cumulatively occupy substantially all of the channel before programming of the anti-fuse device," as recited in amended claim 1. Therefore, Applicants respectfully request that the Examiner

reconsider and withdraw the rejection to claim 1. Also, claims 2-9 should be found allowable of the applied patents for at least this reason.

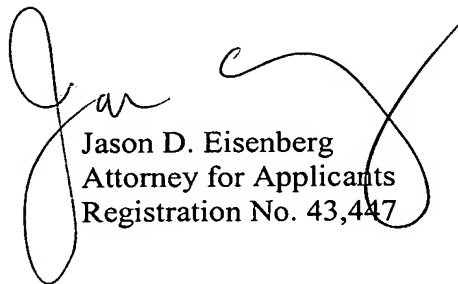
Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all presently outstanding objections and rejections and that they be withdrawn. Applicants believe that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

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